Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	aggregat$3 near stream same rate same data same throttl$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L2	0	(stream) with ((flow adj control$4) or throttl$3) with rate same data same counter same (threshold or maximum)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L3	0	unix with stream same (flow adj control$4 or throttl$3 or scal$3) near2 (rate or bandwidth)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L4	0	unix adj stream with rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L5	0	unix adj stream with flow	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L6	0	unix adj stream with thrott$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L7	0	unix adj stream and (flow adj control$4 or throttl$3 or scal$3) near2 (rate or bandwidth)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L8	4	((709/233).CCLS.) and stream same count$4 same rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L9	2	aggregat$4 near stream with rate same measur$4	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L10	2	transport with interface same aggregate with stream with rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L11	1	unix with stream same rate same data same control$5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L12	1	(multiple or multi or aggregat$3 or many or plurality) adj stream same (rate or bandwidth) same transport adj layer	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L13	1	(tcp with flow adj control$4 same stream).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19

L14	1	unix with stream same (flow adj control$4 or throttl$3 or scal$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L15	1	unix same ((flow or stream$3) near (control$4 or throttl$3 or scal$3)) with (rate or bandwidth)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L16	2	("5918020").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 10:19
L17	2	aggregat$4 near stream same flow adj control$5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L18	5	((709/233).CCLS.) and flow adj control same counter	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L19	4	(multiple or multi or aggregat$3 or many or plurality) adj stream same transport adj layer same (throttl$3 or pac$3 or (control$4 near flow))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L20	3	unix same (flow adj control$4 or throttl$3 or scal$3) near2 (rate or bandwidth)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L21	3	unix same (flow adj control$4 or throttl$3 or scal$3) near2 (rate or bandwidth)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L22	12	rate same data same flow adj control same increment$3 same decrement$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L23	6	((709/233,310,319,329).CCLS.) and (data adj stream same flow adj control$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L24	8	(aggregat$4 or multiple) near stream same rate same throttl$4	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L25	17	data adj stream same flow adj control$5 same (throttl$3 or pace or pacing or suppress$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L26	14	((downstream or (down adj stream)) same (upstream or (up adj stream)) same ((flow adj control$4) or throttl$3) same rate same data).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19

L27	19	(stream) with ((flow adj control$4) or throttl$3) with rate same data same (threshold or maximum)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L28	16	unix same (((flow or stream$3) near control$4) or throttl$3 or scal$3) with (rate or bandwidth)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L29	32	((709/231-233,319,328).CCLS.) and (aggregat$4 or multiple) near stream same rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L30	22	flow adj control and aggregate adj stream	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L31	32	unix adj stream	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L32	53	((709/231-233,319,328).CCLS.) and (flow adj control$5 same stream same data)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L33	42	((aggregat$4 or multiple) near stream near data same rate) and flow adj control	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L34	51	aggregat$3 near stream same rate same data	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L35	46	transport adj Interface same stream same rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L36	26	((709/233,310,319,329).CCLS.) and (stream near3 (control$4 or suppress$3 or throttl$3 or pace or pacing))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L37	60	throttl$4 with rate with data same stream	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L38	68	(flow adj control same data same stream).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L39	88	throttl$3 with stream with data	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19

L40	85	((709/233).CCLS.) and flow adj control	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L41	88	((aggregat$4 or multiple) near stream same rate).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L42	115	transport adj layer adj protocol same stream same control$5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L43	80	tcp with flow adj control$4 same stream	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L44	112	data adj stream same flow adj control$5 same (throttl$3 or pac$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L45	104	(data same flow adj control same increment$3 same decrement$3) and @ay < "2000"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L46	158	transport adj layer adj protocol same stream	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L47	62	((709/233,310,319,329).CCLS.) and (stream with (control$4 or suppress$3 or throttl$3 or pace or pacing))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L48	154	data same flow adj control same increment$3 same decrement$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L49	177	((aggregat$4 or multiple) near stream near data same rate)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L50	185	(calculat$3 or measur$3 or count$3) near3 data near rate same stream	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L51	272	(709/233).CCLS.	USPAT; USOCR	OR	OFF	2005/01/03 10:19
L52	321	(data adj stream same flow adj control$5) and (throttl$3 or pac$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L53	280	(multiple or multi or aggregat$3 or many or plurality) adj stream same data same rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19

L54	354	(709/233).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 10:19
L55	321	(data adj stream same flow adj control$5) and (throttl$3 or pac$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L56	280	(multiple or multi or aggregat$3 or many or plurality) adj stream same data same rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L57	354	(709/233).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 10:19
L58	372	flow adj control adj module	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L59	323	((downstream or (down adj stream)) same (upstream or (up adj stream)) same ((flow adj control$4) or throttl$3) same rate).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L60	702	(aggregat$4 or multiple) near stream same rate	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L61	599	tcp with flow adj control$4	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L62	610	throttl$4 with rate same stream	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L63	905	flow adj control with counter	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L64	1073	(flow adj control and stream).ab.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/01/03 10:19
L65	708	(719/310).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 10:41
L66	91	(719/319).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 10:41

L67	169	(719/329).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 10:42
L68	354	(709/233).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/01/03 10:42

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Automatic TCP Buffer Tuning - Semke, Mahdavi, Mathis (1998) (Correct) (62 citations)
the receive window is to implement end-to-end **flow control**, allowing an application to limit the amount was expensive, and the receiver needed a way to **throttle** the sender to limit the amount of memory
www.cs.kau.se/cs/prtp/papers/automatic_buffer_tuning.ps.gz

Credit-Based Flow Control for ATM Networks - Blackwell Chang Kung (1995) (Correct) (57 citations)
Page 1 of 14 Credit-Based **Flow Control** for ATM Networks T. Blackwell, K. Chang, H. T.
are difficult to set. 3. Credit-Based **Flow Control Flow control** based on credits is an efficient way
the traffic source of a congested VC can be **throttle**d. Thus excessive traffic can be blocked at the
www.eecs.harvard.edu/~dong/papers/mtc-fc.ps

Performance Bounds for Flow Control Protocols - Agrawal, Cruz, Okino, Rajan (1998) (Correct) (33 citations)
Performance Bounds for **Flow Control** Protocols 1 Rajeev Agrawal, R. L. Cruz,
delays, schedulers, regulators, and window based **throttles**. The mathematical properties of convolution
as a cycle of service curve elements, with a **throttle** that controls access to the cycle. Our
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Gateway Congestion Control Survey - Mankin, Ramakrishnan (1990) (Correct) (28 citations)
DoD Internet protocols are limited to: Window **flow control** in TCP [Pos81b]intended primarily for
The Message Sent By Ip To Request That A Sender **Throttle** Back [pos81a]Performance And Cc Wg Page [1]
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verify the effectiveness of using link-by-link **flow control**led virtual channels for maximizing ATM network
the traffic source of a congested VC can be **throttle**d. Thus excessive traffic can be blocked at the
therefore essential for reliable multicast VCs to **throttle** in order to accommodate the inherent high
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Design of Robust Congestion Controllers for ATM Networks - Zhang, Yang, Mouftah (1997) (Correct) (12 citations)
scheme is based on a link-by-link window **flow control** mechanism [5]This scheme can prevent cell
before sending these rates to each source node to **throttle** its traffic. Since the bottleneck switch may
(e.g.guaranteed service traffic)which is not **throttle**d at the source node as long as it conforms to
ccg2.site.uottawa.ca:8080/publications/infocom97.ps

Raid-II Design and Implementation of a Large Scale Disk Array.. - Katz (1993) (Correct) (9 citations)
the destination asserts ready, providing simple **flow control**. The minimum unit of data transfer is the
Controller October 6, 1992 13 5.3. Software **Control Flow** All network information, whether read or
are ready to transmit data or when they need to **throttle** transfers. 2.2. Gigabit Networks and Diskless
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Cooperative Distributed Scheduling for ATS-Based Broadband .. - Amenyo, Lazar, Pacifici (1992) (Correct) (4 citations)

choke packet (back-pressure) schemes for **flow control** in data networks [3]In the basic choke
threshold, the node signals by means of choke (**throttle** or quench) packets the source hosts to reduce
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choke packet (back-pressure) schemes for **flow contr l** in data networks [3]In the basic choke
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The Danger of Data Traffic Models - Manthorpe (1995) (Correct) (3 citations)
the two is regulated by means of a window-based **flow control** mechanism that effectively limits the number
control mechanisms, which will typically **thr ttle** the sending station when loss is detected.
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Self-Tuned Congestion Control for Multiprocessor Networks - Thottethodi, L beck.. (2000) (Correct) (2 citations)
the network. Each packet is composed of flits (**flow control** units) that are transferred between network
network to make the correct decision (whether to **throttle** or not) or depend on specific network
to a threshold value to determine when to **throttle** packet injection. The second component is a
www.cs.duke.edu/~alvy/papers/net-hpca01.ps

Burst Reduction Properties of Rate-Control Throttles.. - Liu, TOWSLEY (Correct) (2 citations)
convex ordering. Comparisons between the two **flow control** schemes are also established when
Burst Reduction Properties Of Rate-Control **Throttles**: Departure Process Zhen Liu Inria Centre
study the departure processes of two rate-control **throttles**: the token bank and the leaky bucket. Using
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An Outsider's View of Dataflow - Gottlieb (1989) (Correct) (2 citations)
that had previously appeared to require a **control-flow** orientation. Other examples include various
of memory management with the resulting need to **throttle** parallelism. Perhaps the best illustration of
the number of active iterations) and hardware "**throttles** "were reported. Two situations were discussed
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Burst Reduction Properties of Rate-Control Throttles: Downstream .. - Zhen Liu (Correct) (2 citations)
Abstract In this paper we consider rate-based **flow control throttles** feeding a sequence of single server
Burst Reduction Properties Of Rate-Control **Throttles**: Downstream Queue Behavior Zhen Liu Inria
In this paper we consider rate-based **flow control throttles** feeding a sequence of single server infinite
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Buffer and Bandwidth Allocation for TCP data traffic.. - Manthorpe (1995) (Correct) (2 citations)
a packet arrival are a problem to be tacked by **flow control** at higher layers. This paper presents
control mechanisms, which will typically **throttle** the sending station when loss is detected.
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FLORAX - Flow-Rate Based Hop by Hop Back-pressure.. - Lee, Coleri, Dong, Ergen (2002) (Correct) (1 citation)
IEEE 802.3x is introduced to manage XON/XOFF **flow control** mechanism in full duplex gigabit Ethernet. In
or destination-based XON/XOFF scheme to **throttle** non-congesting flows. When the buffer occupancy
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FLORAX- Flow-Rate Based Hop by Hop Back-pressure Control .. - Lee, Dong, Coleri, Ergen (2002) (Correct)
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IEEE 802.3x is introduced to manage XONfXOFF **flow control** mechanism in full duplex gigabit ethernet.
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Mediators and Obligations: An Architecture for Building.. - Vicraj Thomas Srikumar (2000) (Correct) (1 citation)
communications between clients and servers. **Flow Control. Flow control** policies are designed to provide
between clients and servers. **Flow Control. Flow control** policies are designed to provide all
from the terrain by increasing or decreasing **throttle** settings. The application consists of two CORBA
srds2000.informatik.uni-erlangen.de/aftermath/paper_2.pdf

Switches and Switch Interconnects - Ni, Qiao, Yang (1997) (Correct) (1 citation)
applications. The back pressure **flow control** of cut-through switching also prevents packet
can be propagated to the sending source to **throttle** it from sending more data when a packet is
www.cps.msu.edu/~ni/papers/9704conf.ps

A Taxonomy of Communications Demand - Lanning, O'Donnell, Neuman (1999) (Correct) (1 citation)
after being established. The slow-start **flow control** algorithm guarantees that impatient hosts
bandwidth. Protocols that are meant to gracefully **throttle** down their transmission rates in the face of
www.si.umich.edu/~prie/tprc/abstracts99/odonnell.pdf

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H. T. Kung, Trevor Blackwell, Alan Chapman
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2 An extension to the SCI flow control protocol for increased network efficiency
Dan Picker, Ronald D. Fellman, Paul M. Chau
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Yong Liu, Weibo Gong, Prashant Shenoy
December 2001 **Proceedings of the 33nd conference on Winter simulation**
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